SEQUENCE LISTING

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COHRAN, Carolyn

<120> CONJUGATES OF LIGAND, LINKER AND CYTOTOXIC AGENT AND RELATED COMPOSITIONS AND METHODS OF USE

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<151> 2003-02-27

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<151> 2002-02-27

<150> 60/370,189
<151> 2002-04-05

<160> 28

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Phe Ala Leu Ala
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Val Leu Ala Leu Ala
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Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys
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Gln Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp
20 25 30

Phe

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<223> Xaa = at position 2 is norleucine

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Trp Xaa Asp Phe
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Asp Xaa Met Gly Trp Met Asp Phe
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<223> Xaa = at position 3 is norleucine

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Asp Xaa Xaa Gly Trp Xaa Asp Phe
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Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro
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Arg Gly Asn His Trp Ala Val Gly His Leu Met
20 25

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Trp Ala Val Gly His Leu Met
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Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Phe Thr Ser Cys
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<223> wherein the peptide is carboxylated at either the N-or C-terminus

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Arg Pro Leu Pro Gln Gln Phe Phe Gly Leu Met
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Pro Gly Thr Cys Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys
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Asn Asp Asp Cys Glu Leu Cys Val Ala Cys Thr Gly Cys Leu
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Asn Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Thr Gly Cys Phe
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His Ser Asp Ala Leu Phe Thr Asp Asn Tyr Thr Arg Leu Arg Leu Gln
1 5 10 15

Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn Gly
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His Ser Asp Ala Leu Phe Thr Asp Asn Tyr Thr Arg Leu Arg Leu Gln
1 5 10 15

Xaa Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn Gly
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Ala Tyr Gly Trp Xaa Asp Phe
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Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
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<222> (2)..(2)
<223> Xaa = at position 2 is 2-cyclohexyl-L-alanine

<400> 22

Xaa Xaa Leu Ala Leu
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<222> (1)..(1)
<223> Xaa = at position 1 is 1-naphtyl-alanine

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<222> (2)..(2)
<223> Xaa = at position 2 is 2-cyclohexyl-L-alanine

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Xaa Xaa Leu Ala Leu
1 5

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Xaa Leu Ala Leu Ala
1 5

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<223> V = at position 1 is conjugated to SPA110

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<222> (13)..(13)
<223> Xaa = at position 13 is norleucine

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Val Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
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<222> (1)..(1)
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<222> (13)..(13)
<223> Xaa = at position 13 is norleucine

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<222> (15)..(15)
<223> F = at position 15 comprises a C-terminal amide group

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Xaa Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
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Phe Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
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